

PCT09

RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/914,665

TIME: 12:41:20

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3 <110> APPLICANT: Christine Leib-Msch
4      Ulrike Schn
5      Corinna Baust
7 <120> TITLE OF INVENTION: RETROVIRAL EXPRESSION VECTORS ON THE BASIS OF
8      HERV-LONG TERMINAL REPEAT SEQUENCES
10 <130> FILE REFERENCE: 10737-006001
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/914,665
C--> 12 <141> CURRENT FILING DATE: 2000-03-09
12 <150> PRIOR APPLICATION NUMBER: PCT/EP00/02064
13 <151> PRIOR FILING DATE: 2000-03-09
15 <150> PRIOR APPLICATION NUMBER: DE 199 10 650.9
16 <151> PRIOR FILING DATE: 1999-03-10
18 <160> NUMBER OF SEQ ID NOS: 47
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25 <213> ORGANISM: Human endogenous retrovirus
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30 tgtttctgcc ctaccctgac tgatcaatgt gctttgtaat ctccccacc cttcagaagg 180
31 ctctttgttaa tcctccccac ccttgagaat ggacttggtg agatccacc cctgcctgca 240
32 aagcattgcc cctaactcca ccgcctgtcc caaaacctat gagaactaat gataatccca 300
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45 attccaacat tgtgatttgt tcctgcccc cctaactga taaatgtact ttgtaatctc 180
46 cccaccctt aagaaggctc tttgtaattc tccccacct tgagagtgtg ctttgtgaga 240
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60 aactgatgac attaccttgt gaaattcctt ctctggctc atctggctc aaaagctccc 180
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75 tgttcgtgcc ttaactgatg acattgtctt gtgaaattcc tctcctggc tcatcctggc 180
76 tcaaaagctc cccgactgag tacattgtga ccccaactcc tgcccgccag agaacagccc 240
77 cctttgactg taattttcct ttatctaccc aaatcctata aaacagcccc acctttatct 300
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92 ctttccaaa tccataaaa cggcccacc cctatctccc ttcgctgact ctcttttcgg 300
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105 agaacaaccc cctttgactg taattttcca ctgcccgcc aaacctata aaacgggtccc 240
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118 actgatgaca ttccaccatg gtgatttgtt cttgcccac cttaactgag tgattaaccc 180
119 tgtgaatttg cttctcctgg ctccagaagc ccccaactga gcaccttggt acccccgcgc 240
120 ctgcccacca gagaacaacc ccctttgact gtaattttcc attaccttc caaatcctat 300
121 aaaacggccc caccctatc tcccttcgct gactctctt tcggactcag cccgcctgcc 360
122 ccaggtgaa ataaacagcc atgttgctca cat 393

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133 actgatgaca ttccaccatg gtgatttggt cttgccccac cttaactgag tgattaaccc 180
134 tgtgaatttg cttctcctgg ctccagaagct cccccactga gcaccttggt acccccgccc 240
135 ctgcccacca gagaacagac ccctttgact gtaattttcc attaccttcc caaatcctat 300
136 aaaacggccc caccctatc tcccttcgt gactctcttt tcggactcag cccgcctgcc 360
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140 <210> SEQ ID NO: 9
141 <211> LENGTH: 388
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148 attccaccat tgtgatttgt ttctgcccc tctaactga tcaatgtact ttgtaatctc 180
149 tcccaccctt aagaagggtc ttgtgaattc tccccaccct tgagagtgtg ctttgtgaga 240
150 tccacccctt gccggcaaaa cattgctcct aacccaaccg cctaccccaa acctgtaaga 300
151 actaatgata atccaccacc ctttgctgac tcttttcaga atcagcccgc ctgcaccag 360
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163 attccaccat tgtgatttgt tctgcccc tctaactga taccatata tcttcccccg 180
164 cccttgagaa tgtactttgt acacctatcc caaacctata agaactaatg ataatcctac 240
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177 caccattgtg atttgttctt gcccacgct aactgatacc atatattctt ccccgccct 180
178 tgagaatgta ctttgtacac ctatcccaaa cctataagaa ctaatgataa tccaccaccc 240
179 tttgctgact ctcttttttg actcagccc cctgcacca ggtgaaataa acagccatgt 300
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184 <211> LENGTH: 314
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192 cccttgagaa tgtactttgt acacctatcc caaacctata agaactaatg ataatcctac 240
193 caccctttgc tgactctctt tttggactca gcccgcctgc acccagggtga aataaacagc 300
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205 cacacccaac caatcaggta gtaaagaggg ctactaaaa tgctaattag gcaaagacag 180
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234 gaggtaaaaga aatagacaat catctatcac ctgagagcac agtgggaggg acaatgatcg 240
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263 ggatataaac tcaggcattc aagccagcaa tggctaccca ctttgggtcc cctcccattt 300
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277 ggatataaac ccaggcattc aagccagcgg tggctaccct ctttgggtcc cctccctttg 300
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date